



## Ceiling Floor Solar Air Conditioner

### **R410a and R22 type Ceiling Floor Solar Air Conditioner**

#### Characteristics:

- World famous Japanese brand compressors,high reliability.
- Digital LED display.
- Multi-fold heat exchanger, high-quality internal thread copper pipe and hydrophilic aluminum foil make the cooling capacity stronger
- Anti dust air filter makes air fresher.
- Digital e- Touch,easier operation for elder people and kids.
- Fluorescent button, visible at night.



## Macsun Solar Energy Technology Co., Limited

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- Intelligent Defrosting.
- High EER, save about 50% electricity.
- Washable panel for easy cleaning.
- Strong dehumidification to keep the room dry.

### Specification:

- **Power Supply: 220-240VAC, 1/3PH, 50Hz**

Model No.		MAC(R)-35DW	MAC(R)-60DW	MAC(R)-72DW	MAC(R)-100DW	MAC(R)-120DW	MAC(R)140DW	
Power Supply: 220-240VAC, 1PH, 50Hz								
Capacity	Cooling	Btu/h	12000	20000	24000	36000	41000	48000
		W	3500	6000	7200	10000	12000	14000
	Heating	Btu/h	13000	22000	27000	40000	46000	55000
		W	3800	6600	7900	12000	14000	16000
Noise	Indoor	dB(A)	≤43	≤50	≤50	≤53	≤53	≤56
	Outdoor	dB(A)	≤52	≤56	≤58	≤58	≤60	≤60
Air Circulation	m <sup>3</sup> /h	550	800	1250	1700	1800	1900	
Suitable Area	m <sup>2</sup>	15~23	25~42	30~48	42~67	50~80	58~93	
EER	W/W	3.89	3.88	3.82	3.87	3.96	3.87	
	Btu/h/w	13.27	13.24	13.03	13.2	13.51	13.2	
Power Consumption								
Power Input	Cooling	W	800~1025	1350~1560	1700~1900	2400~2640	2900~3150	3500~3740
	Heating	W	800~1050+350	1350~1590+350	1700~1950+350	2470~2650+350	2900~3180+350	3500~3760+350
Rated Current	Cooling	A	3.64~4.66	6.14~7.09	7.73~8.64	10.91~11.95	13.18~14.32	15.91~17
	Heating	A	3.64~4.77+1.6	6.14~7.23+1.6	7.73~8.66+1.6	11.23~12.05+1.6	13.18~14.45+1.6	15.91~17.09+1.6
Vacuum Tube	D*L*Pcs	47*500*10	47*620*11	47*620*11	47*700*13	47*1200*13	47*1200*13	
Dimensions								
Indoor Unit	Net	mm	905*673*243	905*673*243	1288*673*243	1672*673*243	1672*673*243	1672*673*243
	Shipping	mm	995*765*311	995*765*311	1375*765*311	1760*765*311	1760*765*311	1760*765*311



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Outdoor Unit	Net	mm	790*260*540	850*300*755	940*300*755	950*355*835	950*355*1255	950*360*1255
	Shipping	mm	910*370*610	950*400*770	990*400*770	1140*460*910	1140*460*1340	1140*460*1340
Water Tank	Shipping	mm	910*400*330	980*400*370	980*400*370	1105*400*325	1120*400*400	1120*400*400
Vacuum Tube	Shipping	mm				765*280*205	1270*280*210	1270*280*210
Weight								
Indoor Unit	Net/Gro	kg	25/28	30/33	40/43	40/43	45/49	45/49
Outdoor Unit	Net/Gro	kg	38/40	50/52	55/58	73/76	95/100	97/102
Solar Collector	Net/Gro	kg	13/15	16/17	16/17	18/21	23/26	23/26
Loading Qty	in 20ft	sets	51	42	37	28	20	20
	40HQ	sets	123	103	89	69	50	50

- **Power Supply: 220-240VAC, 1/3PH, 60Hz**

Model No.		MAC(R)-35D	MAC(R)-60D	MAC(R)-72D	MAC(R)-100D	MAC(R)-120DW	MAC(R)140D	
		W	W	W	W	W	W	
Performance								
Capacity	Cooling	Btu/h	12000	20000	24000	36000	41000	48000
		W	3500	6000	7200	10000	12000	14000
	Heating	Btu/h	13000	22000+1700	27000+1700	40000+1700	46000+1700	55000+1700
		W	3800	6600+500	7900+500	12000+500	14000+500	16000+500
Noise	Indoor	dB(A)	≤43	≤50	≤50	≤53	≤53	≤56
	Outdoor	dB(A)	≤52	≤56	≤58	≤58	≤60	≤60
Air Circulation	m <sup>3</sup> /h	550	800	1250	1700	1800	1900	
Suitable Area	m <sup>2</sup>	15~23	25~42	30~48	42~67	50~80	58~93	
EER	W/W	3.89	3.88	3.82	3.87	3.96	3.87	
	Btu/h/w	13.27	13.24	13.03	13.2	13.51	13.2	
Power Consumption								
Power Input	Cooling	W	800~1025	1350~1560	1700~1900	2400~2640	2900~3150	3500~3740
	Heating	W	800~1050	1350~1590+5	1700~1950+5	2470~2650+500	2900~3180+500	3500~3760+500



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Rated Current	Cooling	A	3.64~4.66	6.14~7.09	7.73~8.64	10.91~11.95	13.18~14.32	15.91~17
	Heating	A	3.64~4.77	6.14~7.23+2.2	7.73~8.66+2.2	11.23~12.05+2.2	13.18~14.45+2.2	15.91~17.09+2.2
Vacuum Tube	D*L*Pcs		47*500*10	47*620*11	47*620*11	47*700*13	47*1200*13	47*1200*13
Dimensions								
Indoor Unit	Net	m	905*673*243	905*673*243	1288*673*243	1672*673*243	1672*673*243	1672*673*243
	Shipping	m	995*765*311	995*765*311	1375*765*311	1760*765*311	1760*765*311	1760*765*311
Outdoor Unit	Net	m	790*260*540	850*300*755	940*300*755	950*355*835	950*355*1255	950*360*1255
	Shipping	m	910*370*610	950*400*770	990*400*770	1140*460*910	1140*460*1340	1140*460*1340
Water Tank	Shipping	m	910*400*330	980*400*370	980*400*370	1120*400*400	1120*400*400	1120*400*400
Vacuum Tube	Shipping	m					1270*280*210	1270*280*210
Weight								
Indoor Unit	Net/Gross	kg	25/28	30/33	40/43	40/43	45/49	45/49
Outdoor Unit	Net/Gross	kg	38/40	50/52	55/58	73/76	95/100	97/102
Solar Collector	Net/Gross	kg	13/15	16/17	16/17	18/21	23/26	23/26
Loading Qty	in 20feet	sets	51	42	37	28	20	20
	40HQ	sets	123	103	89	69	50	50